

100 DAYS CODING SERIES BY TALENT BATTLE

Day 75 - 30/01/2023

Q. You are a person who is always fond of eating candies. Your friend gave you a candy of length N , to eat during the break period of your school. You start eating this candy from one of the ends. But as it is not your candy, your friend told you to eat exactly K unit length of candy during each bite. You will stop eating if the candy's length becomes 0. This means that you have eaten the entire candy. If at some point of time, the candy's length is positive, but less than K , you cannot take a bite thereafter. Can you eat the complete candy? If yes, print the number bites it will take, else print -1 .

Input Format

First line will contain T , number of test cases. Then the test cases follow. Each test case contains two spaced integers N, K .

Output Format

For each test case, print the minimum number of bites you need to eat the complete candy. Print -1 if it is not possible to do so.

Sample Input

```
3
3 1
3 2
0 3
```

Sample Output

```
3
-1
0
```

main.py

```
for _ in range(int(input())):
    x,y = list(map(int,input().split()))
    if x % y == 0:
        print(x//y)
    else:
        print("-1")
```

output

```
3
3 1
3
3 2
-1
0 3
0
PS E:\Panku\Python>
```